

Amendments to the Claims

Please amend Claim 1. Please add new Claims 6-11. The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing

1. (Currently amended) An automatic safe disposable blood sampling device, comprising:
 - a case defining ~~[[an]]~~ a shoot chamber, said shoot chamber being provided with a lancet-exiting hole at a front end thereof ;
 - a lancet disposed slidably in said shoot chamber and provided with a puncturing tip at a front portion thereof, said puncturing tip being pointed to said lancet-exiting hole in an alignment manner;
 - a spring disposed at back of said lancet in a shooting direction of said lancet; and
 - a locking and shooting structure provided on a side of said lancet and said case along a compression path of said spring, said locking and shooting structure comprising:
 - ~~being composed of an elastic arm button on said case and an elastic arm on said lancet, said elastic arm button being an extended structure on a side of said case, a button engaging end of said elastic arm button facing a locking hole provided on a side wall of said case, said elastic arm being another extended structure on a side of said lancet corresponding to said side wall of said case, a free end of said elastic arm being engagable with said locking hole in a locking state, and a root portion of said elastic arm being provided with a notch or a shrink neck on which stress is easy to concentrate, said notch or shrink neck forming a self-destructive breaking point of said elastic arm~~
 - an elastic arm button being an extended structure on a side of said case;
 - a button engaging end of said elastic arm button facing a locking hole provided on a side wall of said case, the side wall having a bevel;
 - an elastic arm being an extended structure on a side of said lancet corresponding to said side wall of said case;
 - a free end of said elastic arm being engagable with said locking hole in a locking state, the free end employing the bevel; and

a root portion of said elastic arm being provided with a notch or a shrink neck on which stress is easily concentratable, said notch or shrink neck forming a self-destructive breaking point of said elastic arm, such that the elastic arm is automatically self broken by contacting the bevel and boarding inwardly when said lancet changes from the locking state to a shooting state.

2. (Original) The blood sampling device according to the claim 1, wherein said notch is provided on an outer side of said elastic arm.
3. (Original) The blood sampling device according to the claim 1, wherein said notch on
5 which stress in easy to concentrate has a V-shaped notch.
4. (Original) The blood sampling device according to the claim 1, wherein an avoiding space is provided in a direction on which said elastic arm is bent inwardly.
- 10 5. (Original) The blood sampling device according to the claim 1, wherein said free end of said elastic arm is provided with a catching groove to be engaged with an inner side surface of said locking hole.
6. (New) A method for sampling blood for penetrating skin to sample blood therefrom,
15 comprising the steps of:
 - a) providing an automatic blood sampling device, the sampling device comprising:
 - a case defining a shoot chamber, said shoot chamber being provided with a lancet-exiting hole at a front end thereof ;
 - 20 a lancet disposed slidably in said shoot chamber and provided with a puncturing tip at a front portion thereof, said puncturing tip being pointed to said lancet-exiting hole in an alignment manner;
 - a spring disposed at back of said lancet in a shooting direction of said

lancet; and

a locking and shooting structure comprising:

an elastic arm button being an extended structure on a side of said case;

5 a button engaging end of said elastic arm button facing a locking hole provided on a side wall of said case;

an elastic arm being an extended structure on a side of said lancet corresponding to said side wall of said case;

10 a free end of said elastic arm being engagable with said locking hole in a locking state; and

a root portion of said elastic arm being provided with a notch or a shrink neck on which stress is easily concentratable, said notch or shrink neck forming a self-destructive breaking point of said elastic arm;

b) applying the front end against a target area of a subject; and

15 c) actuating the elastic arm button to make a contact with the elastic arm, thereby moving said lancet and puncturing the target area.

7. (New) The method according to claim 6, wherein said notch is provided on an outer side of said elastic arm.

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8. (New) The method according to claim 6, wherein said notch on which stress is easy to concentrate has a V-shaped notch.

9. (New) The method according to claim 6, wherein an avoiding space is provided in a direction on which said elastic arm is bent inwardly.

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10. (New) The method according to claim 6, wherein said free end of said elastic arm is provided with a catching groove to be engaged with an inner side surface of said locking hole.

11. (New) The method of according to claim 6 further including the step of breaking said elastic arm upon the actuation.